

**Johns Hopkins Medicine*****Technology Licensing Opportunities***

Project Title: "Techniques Using Heat Flow Management, Stimulation, and Signal Analysis to Treat Medical Disorders," and "Brain Stimulation as a Treatment for Seizures" (JHU Ref. DM-3580/DM-3333)

Inventors: R Lesser, WRS Webber et al.

Brief Description:

These inventions pertain to the use of heat flow management, especially cooling, to treat seizures as well as other neurological disorders. They also foresee uses for other medical conditions. One of the two discloses methods of detecting seizures and other changes in function, so as to tell the device when to initiate treatment.

Finally, the inventions disclose the use of cooling in conjunction with other methods such as electrical stimulation or medication delivery as ways of treating disease.

Potential Commercial Use:

Device placement for treatment of seizures and other neurological and medical disorders.

Key words:

Cooling, epilepsy, brain stimulation, seizures, neurologic, psychiatric

Patents:

✓ US Patent# 6,248,126 ← 6/19/01

PCT WO 99/34758

Reference:

Please Inquire

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